

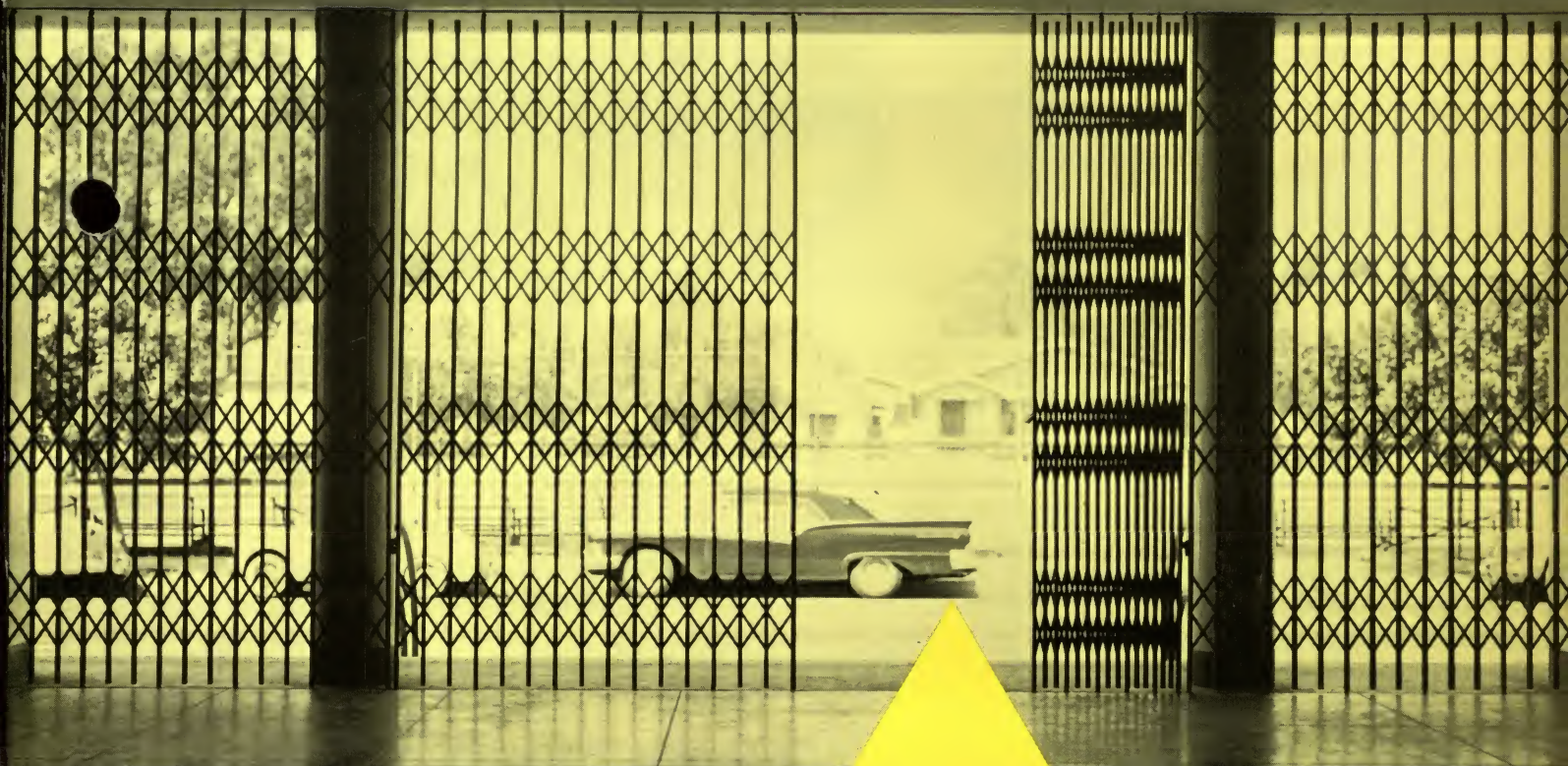
A.I.A. FILE NO. 14-B-7

HOERTIRON

13g  
HO

*Steel*

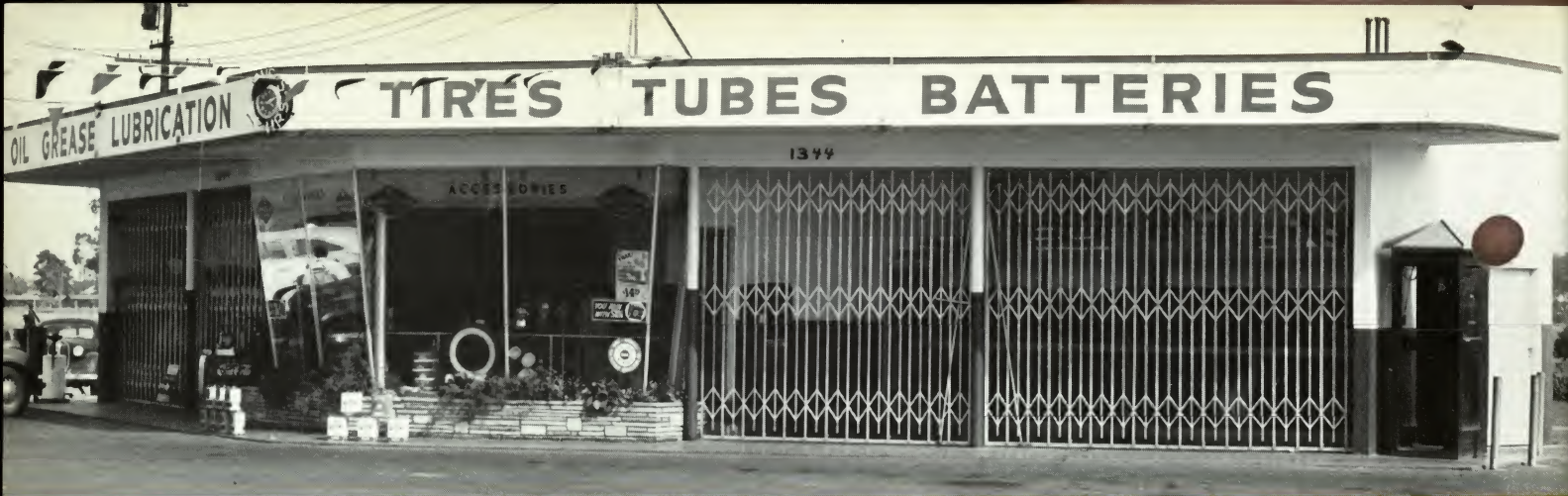
**FOLDING  
GATES**



**HOERTIG**

*Since 1917*



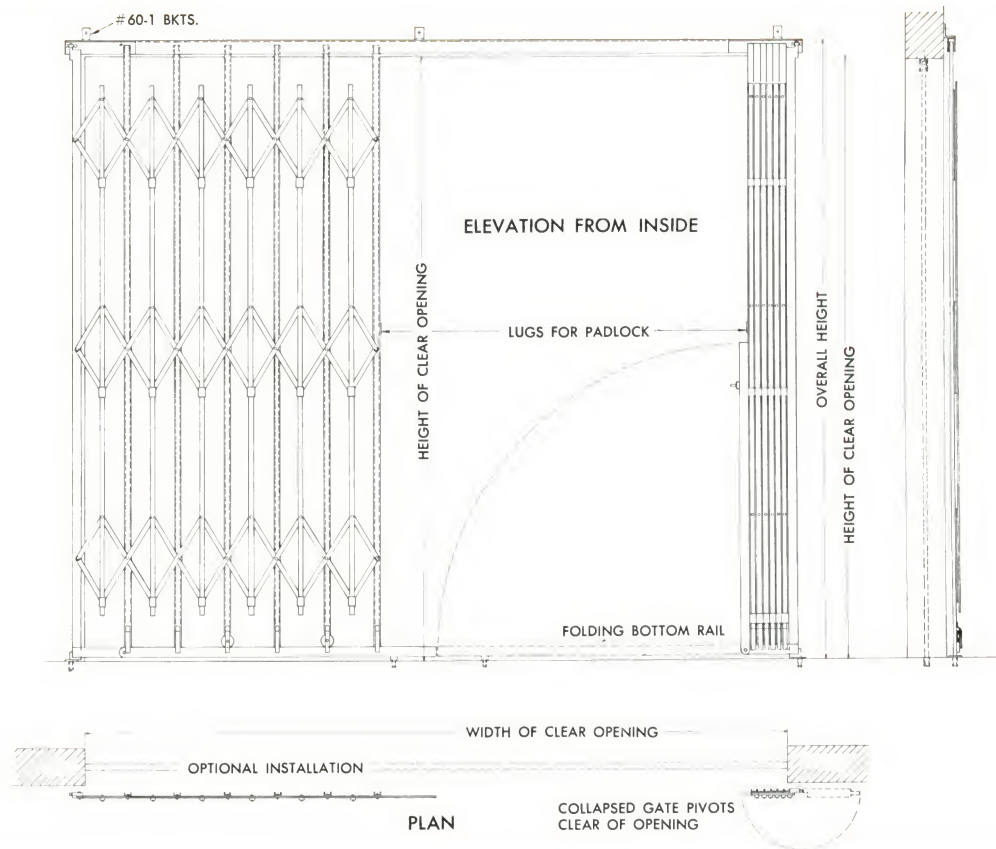


## "HOERTIRON" STEEL FOLDING GATES

**HOERTIRON**  
*Gates*

have been the standard for quality in collapsible gates in the West for more than forty years. "Hoertiron" Folding Gates offer maximum security without sacrifice of ventilation or light, minimum storage when collapsed, low initial cost, and their durable construction assures longer life.

Specify "Hoertiron" Steel Folding Gates, manufactured by the Hoertig Iron Works, for your next closure requirement. Our engineers will assist you in determining the best type of folding gate for your particular installation.





**HOERTIG**

Since 1917

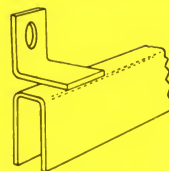
**HOERTIG IRON WORKS**P. O. Box 58583 Vernon Station  
Los Angeles 58, Calif.**SPECIFICATIONS****TYPE LR (Lower Rail)**

- a. Vertical members  $1 \times \frac{1}{2} \times \frac{1}{8}$ " channels at 10" O.C. when gate extended.
- b. Intermediate vertical members  $3/16 \times \frac{3}{4}$ " bars.
- c. Expanders  $3/16 \times \frac{3}{4}$ " bar with galvanized steel slide clips.
- d. Rollers, 2" diameter ball bearing steel wheels.
- e. Rivets,  $\frac{1}{4}$ " diameter with separators between all moving parts. Rivet lower rail hinge,  $\frac{3}{8}$ " diameter.
- f. Lower rail  $\frac{1}{2} \times 1\frac{1}{2}$ " bar with aligning lugs which extend into bushings set flush with floor at time of installation.
- g. Pivot bar  $\frac{1}{2} \times 1\frac{1}{2}$ " bar with  $\frac{1}{2}$ " round pivot pins top and bottom.
- h. Top track, #12 gauge steel formed channel  $2 \times \frac{3}{4} \times 2$ " I.D. one leg coped at end permitting collapsed gate to pivot (if desired).
- i. Lock lugs for pad-lock (lock by others).

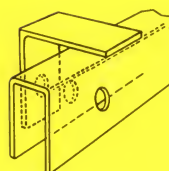
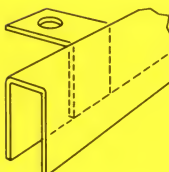
**FINISH:** All folding gates to receive one shop coat of black synthetic enamel, (or preferred shop coat) cadmium plating, or hot dip galvanized are special finishes available.

**INSTALLATION:** All folding gates to be installed by the manufacturer or his representative by qualified and experienced men.

**GUARANTEE:** Any defective part will be replaced without charge for one year from date of installation.

#LRT with #60-1  
Bracket

2 x 2 x  $3/16$ " Angle Clip  
x 0'2" with  $7/16$  hole  
for M. B or lag to side  
wall.

#LRT with #60-2  
Bracket#LRT—with #60-3  
Bracket for Soffit mount-  
ing to concrete or  
masonry#LRT—Drilled and  
countersunk for Soffit  
mounting into wood or  
steel

Practical for openings not more than 25 feet wide nor more than 11 feet high.

No special preparation is required prior to installation.

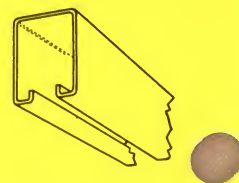
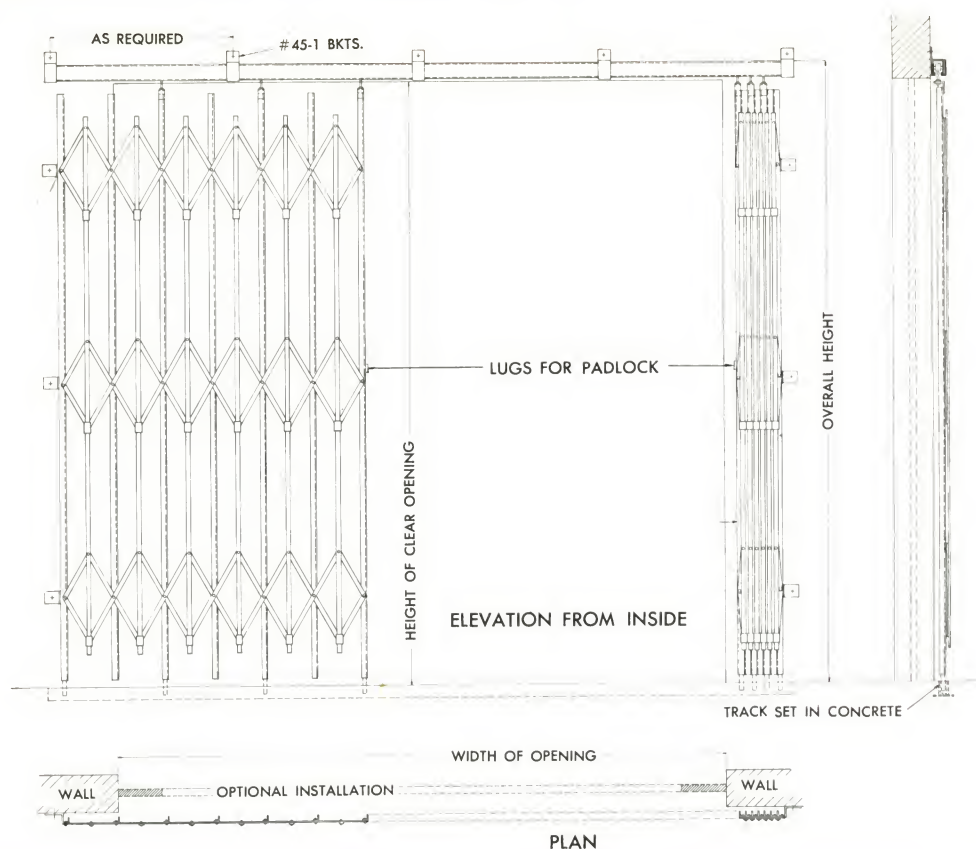
Collapsed gates pivot, if desired, leaving clear unobstructed opening.

Gates 6'-0" to 9'-6" high — 3 rows of expanders.

Gates 10'-0" to 12'-0" high — 4 rows of expanders.

Hoertiron engineers will assist you in selecting the proper type of gate for any particular installation.



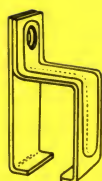


#40 Track—2 $\frac{1}{4}$ " deep by 1 $\frac{3}{4}$ " wide I.D. formed of #14 gauge steel.

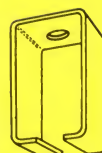
#50 Track—same as #40 except #16 gauge. Used only on small Type HH Gates



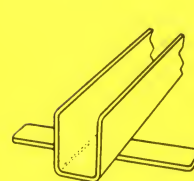
#40-50 Hangers, 2" diameter ball bearing steel wheels with aligning rollers. Use with either #40 or #50 track



#45-1 Bracket, for either #40 or #50 track for side wall mounting



#45-2 Bracket, for either #40 or #50 track for Soffit mounting or to continuous ledger and special supports



#70 Floor Track



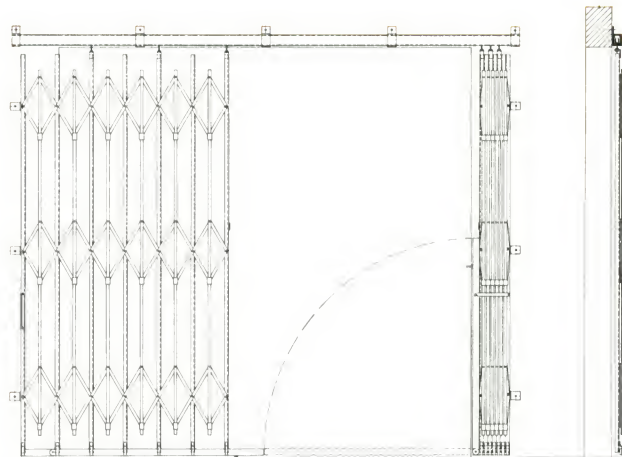
## SPECIFICATIONS TYPE H-H (Head Hung)

- Vertical members 1 x 1 x 3/16" angles at 10" centers when gate extended with 5/8" round guide pins at bottom of alternate members.
- Intermediate vertical members 3/16 x 3/4" bars.
- Expanders 3/16 x 3/4" bar with galvanized steel slide clips.
- Rivets 1/4" diameter with separators between all moving parts.
- Hangers 2" diameter ball bearing two wheel adjustable trucks. (Usual spacing every third member.)
- Overhead track #14 gauge steel tubular track.
- Track brackets spaced at not over 30" centers with added bracket over collapsed gate.
- Floor track #10 gauge steel formed channel 1 1/4 x 1 1/4 x 1 3/4" O.D. with anchors.
- Lock lugs for pad-lock (lock by others).





*Gate collapsed at side wall by use of radius track*



**TYPE HHLR (Head hung with lower rail, a variation of TYPE HH with folding lower rail)**

Heavier construction recommended when gates are over 12'-6" high. Contact "Hoertiron" for specifications.

Practical for extremely wide or high openings.

Gates 6'-0" to 9'-6" high — 3 rows of expanders.

Gates 10'-0" to 12'-6" high — 4 rows of expanders.

Gates over 12'-6" high — 5 rows of expanders.

Heavier construction and close spacing of expanders and vertical members insure ease of operation and years of trouble-free protection.

Collapsed gates may be stored behind a return panel or in a pocket provided for that purpose.

Top tracks may be recessed into ceiling for flush installation.

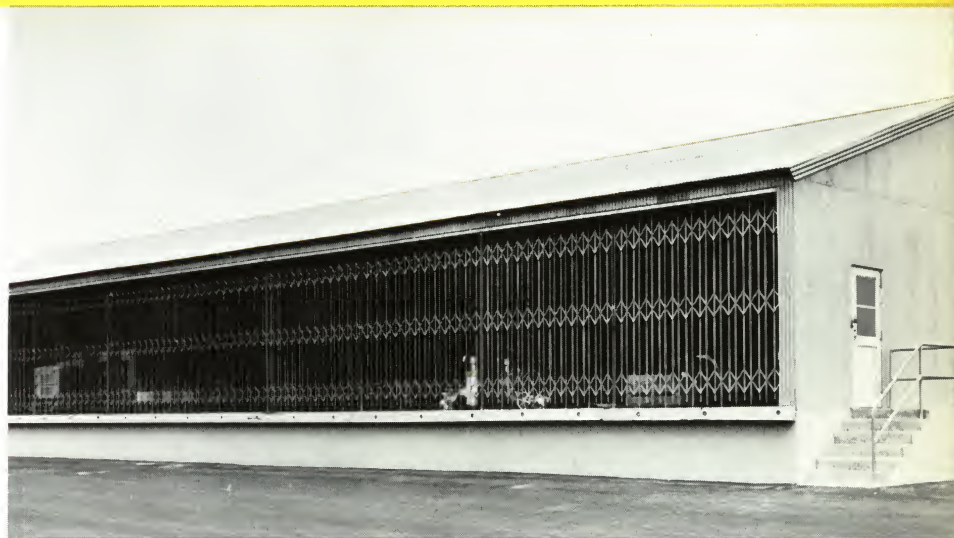
Drop bolt at center may be used to secure bottom of gate (or a folding lower rail may be used) in lieu of recessed floor track.

Hoertiron engineers will assist you in selecting the proper type of gate for any particular installation.

**FINISH:** All folding gates to receive one shop coat of black synthetic enamel, (or preferred shop coat) cadmium plating, or hot dip galvanized are special finishes available.

**INSTALLATION:** All folding gates to be installed by the manufacturer or his representative by qualified and experienced men. Bolts, inserts, or track in concrete or masonry to be set by others per setting plan furnished by "Hoertiron".

**GUARANTEE:** Any defective part will be replaced without charge for one year from date of installation.



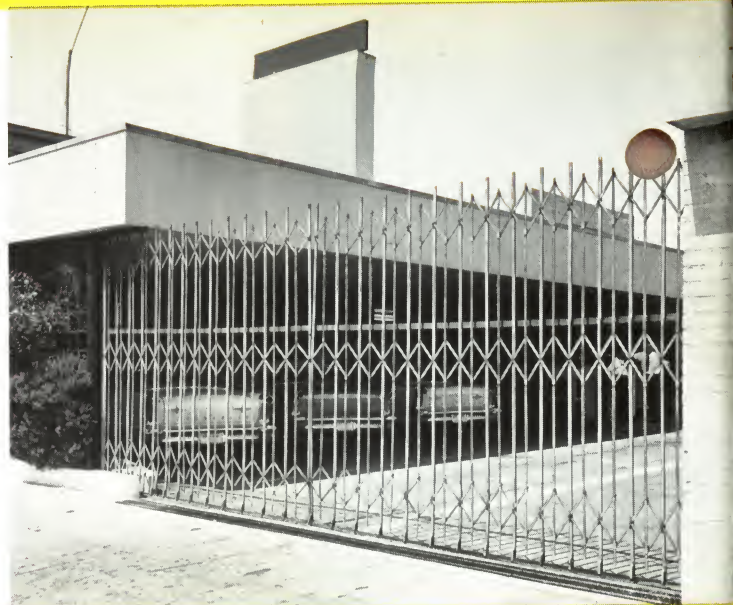
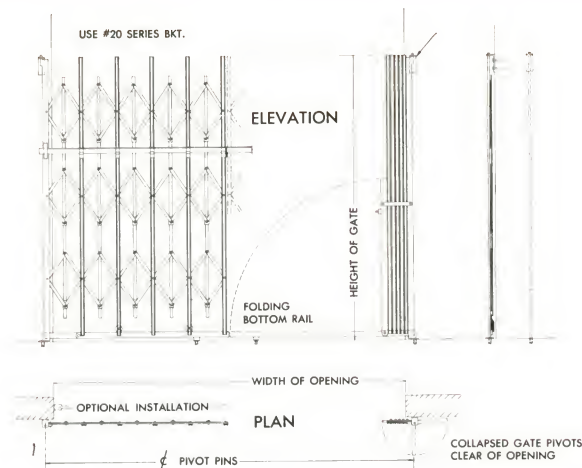
**HOERTIG**

*Since 1917*

**HOERTIG IRON WORKS**

P. O. Box 58583 Vernon Station  
Los Angeles 58, Calif.





## SPECIFICATIONS

### TYPE BLR (Barrier with Lower Rail)

- Vertical members  $1 \times \frac{1}{2} \times \frac{1}{8}$ " channels at 10" centers when gate is extended.
- Intermediate vertical members  $\frac{3}{16} \times \frac{3}{4}$ " bars.
- Expanders  $\frac{3}{16} \times \frac{3}{4}$ " bar with galvanized steel slide clips.
- Rollers, 2" diameter ball bearing steel wheels.
- Rivets,  $\frac{1}{4}$ " diameter with separators between all moving parts. Rivet lower rail hinge  $\frac{3}{8}$ " diameter.
- Lower rail  $\frac{1}{2} \times 1\frac{1}{2}$ " bar with aligning lugs which extend into bushings set flush with floor at time of installation.
- Pivot bar  $\frac{3}{8} \times 1\frac{1}{2}$ " bar with  $\frac{1}{2}$ " round pivot pins, secure at top with #20 series bracket.
- When over 6'-0" wide either drop bolt or angle removable stiffener required for lateral support.
- Lock lugs for pad-lock (lock by others).

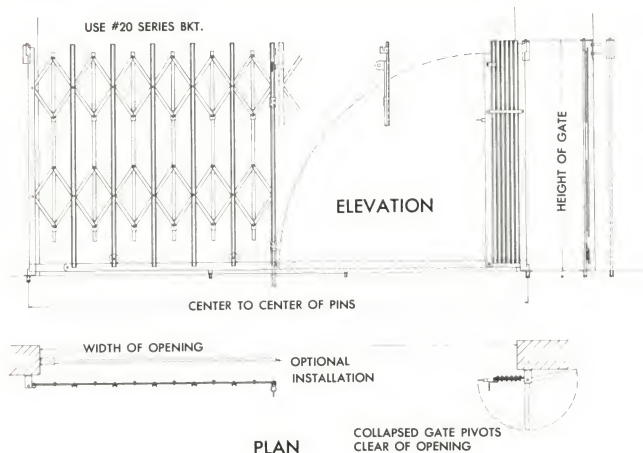
"HOERTIRON" Barrier gates are primarily used to restrict or control traffic in school, factory, or institution corridors or at entrances. Also extensively used at warehouse doors and on loading docks as they provide a rigid closure without sacrifice of light or ventilation.

Two rows of expanders used for gates 4'-0" to 5'-6" high and three rows of expanders for gates over 6'-0" high. Maximum recommended height about 6'-0". 8'-0" to 12'-0" wide gates require one drop bolt. Gates up to 20'-0" wide (maximum) require additional drop bolts for rigidity and lateral support.

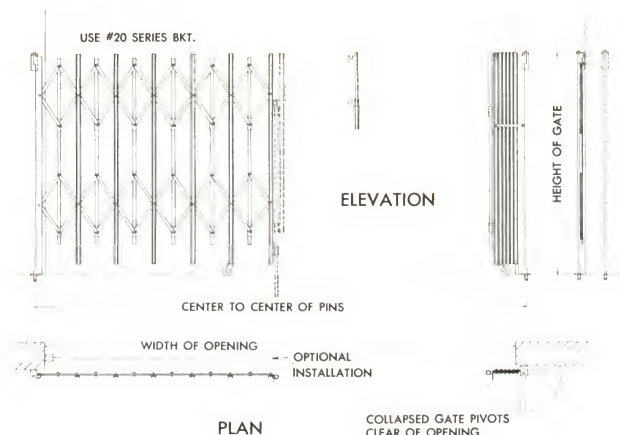
**FINISH:** All folding gates to receive one shop coat of black synthetic enamel, (or preferred shop coat) cadmium plating, or hot dip galvanized are special finishes available.

**INSTALLATION:** All folding gates to be installed by the manufacturer or his representative by qualified and experienced men.

**GUARANTEE:** Any defective part will be replaced without charge for one year from date of installation.



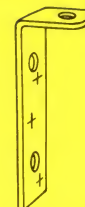




### #20 SERIES BRACKETS

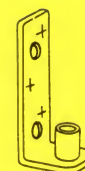
#20-1 Bracket, with  
1-9/16" hole and  
3-1/4" ctsk. holes.

#20-2 Bracket,  
with 9/16" hole and  
2-7/16" holes.



#20-3 Bracket, with  
9/16" bushing and  
3-1/4" ctsk. holes

#20-4 Bracket, with  
9/16" bushing  
and 2-7/16" holes.



### SPECIFICATIONS TYPE BC (Barrier Caster)

- Vertical members 1 x 1/2 x 1/8" channels at 10" centers when gate is extended.
- Intermediate vertical members 3/16 x 3/4" bars.
- Expanders 3/16 x 3/4" bar with galvanized steel side clips.
- Ball bearing swivel casters, hard tread special compound wheels, 1 5/8" diameter.
- Rivets, 1/4" diameter with separators between all moving parts.
- Pivot bar 3/8 x 1 1/2" bar with 1/2" round pivot pins, secure at top with #20 series bracket.
- When over 6'-0" wide either drop bolt or removable angle stiffener required for lateral support.
- Lock lugs for pad-lock (lock by others).  
Recommended for use only when floor is smooth and level.  
See note regarding expanders and lateral support on BLR section.

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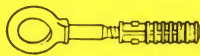
**HOERTIG IRON WORKS**  
P. O. Box 58583 Vernon Station  
Los Angeles 58, Calif.

Hoertig engineers will assist you in selecting the proper type of gate for any particular installation.

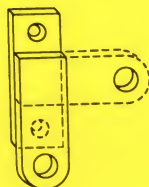
# LOCK PLATES AND EYES for Single folding gates.



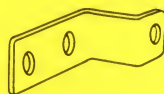
#80-1  
Screw eye for wood



#80-2 Eye bolt and  
expansion shield for  
concrete or masonry



#80-3 Hinged Lock Plate  
(2-3/8" ctsk. holes)



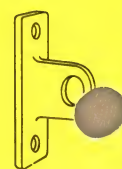
#80-5 Offset Lock Plate,  
(2-7/16" holes)

#80-4 Lock Plate  
(3-ctsk. holes for  
1/4-20 M.S. or  
#12 F.H.W.S.)



#80-7 Horizontal Plate  
(2-7/16" holes)

#80-6 Horizontal Plate  
(4-1/4" ctsk holes)

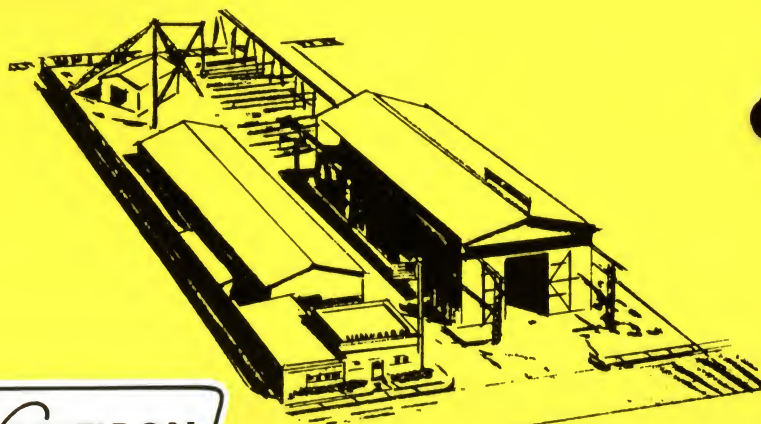


#80-9 Vertical Plate  
(2-7/16" holes)

#80-8 Vertical Plate  
(4-1/4" ctsk holes)

*When appearance is the predominate factor and cost is secondary, we can furnish Cold Rolled Steel, Aluminum or Bronze Folding Gates constructed of cold formed end and track sections to receive ball bearing rollers, machined bearing and brass washer construction, built in cylinder locks for standard or master-keyed cylinders, and flush wall cabinet to receive gates.*

*Please contact "Hoertiron" for further information, catalogs or specifications.*



**HOERTIRON**  
*Gates*

**HOERTIG**

*Since 1917*

"FOR INFORMATION CALL"

**HOERTIG IRON WORKS**

P. O. Box 58583 Vernon Station

**4850 PACIFIC BLVD., LOS ANGELES 58, CALIF.**

**LUdlow 9-5811**



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